



Gold Signature

GS FX & GS LCR

Owners Manual

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Introduction

Thank you for purchasing Monitor Audio Gold Signature loudspeakers.

The new Gold signature range has been designed from scratch with improvements in every area, whilst the ethos of the original Gold reference series has been preserved. All parts are made from die-cast alloys and in the case of the driver chassis and chassis clamp system, a combination of cast aluminium and Zinc are used alternately to provide a structure that has different resonance properties, thus providing a high degree of resonance cancellation and damping. The cabinet is more rigid with 'old style' tongue and groove construction and better internal bracing. The plinth is also now made from a rigid cast alloy with a discreet aerofoil profile. New metal feet and spikes round off this highly accomplished package.

The new RST^{®2} cone profile has been refined to provide better control of break up. A new C-CAM[®] gold dome tweeter has been developed to propel high frequency performance to beyond 40KHz. Extensive development has also resulted in another unique feature; the HiVe^{®2} port design. This new port technology uses a straight rifled construction to aid air flow and reduce turbulence.

In with the GS LCR, you will find four self adhesive rubber pads that can be placed on the bottom of the cabinet to protect it against scratches and also to prevent vibrations moving it. The GS FX comes with a wall fixing kit including all of the parts to secure them to a wall.

1. Read Instructions

Please read and follow all of the instructions in this manual before enjoying your loudspeakers. Any instructions preceded by this warning triangle **MUST** be followed. Failure to do so may cause personal injury or damage the speakers.

2. Water & Moisture

The loudspeakers should not be used near water - for example, bathtub, washbowl, kitchen sink, washing machine, in a wet basement or near a swimming pool. Under no circumstance should plants or fish bowls be placed on the products.

3. Heat

The speaker/s should not be placed near any heat source such as radiators, open fires, stoves, direct sunlight and any other appliance that produces heat.

These speakers are designed for use within the home environment. Exposure to extreme temperatures & humidity when placed on patios or open conditions could adversely affect the wooden cabinet.

4. Cleaning

Great care and attention has gone into the materials chosen to produce the Gold GS loudspeakers. It is our intention that they should provide a lifetime of musical pleasure. A gentle wipe with a dry, clean cloth is all that is required to remove any dust. Treat them as you would a fine piece of furniture because that is how they have been designed. Avoid touching the loudspeaker's drive units whilst cleaning, as any damage will impair their performance.

5. Re-cycling

When it is time to replace this product please help us protect the environment by disposing of it in an appropriate and responsible manner. Further details are available from www.monitoraudio.co.uk

6. Natural wood veneers

Monitor Audio takes great pride in providing a high quality product. We use only hand selected natural wood veneers, which are carefully matched and hand finished to the highest standard possible. The unique nature of each veneer may result in natural colour variation and grain from samples you may have seen in photos or at the dealer's show room. This is what makes the product a special piece of furniture. If your speaker is finished in a Cherry veneer please be aware that it will naturally darken with age, more so than other types of wood veneer.

Your Gold GS LCR

A centre speaker is often required to produce over 60% of the entire sound output and, therefore, must be able to faithfully reproduce explosions and sound effects as well as it does clear, tonally accurate dialogue. The outstanding dynamic reach and generous power handling of the GS LCR means that it can cope with the most demanding inputs and always have something in reserve. New design ideas have been employed to optimise accuracy, control and dispersion over a wide listening area. And it has the exact tonal signature and balance to integrate “invisibly” with any of the speakers in the Gold Signature range.

The GS LCR has been designed to work just as well as a main left/ right speaker as it is as a centre speaker. Because of this, if it is being used vertically, please ensure the cabinet badge is always on the right. By doing this means that the low frequencies go to the bottom bass unit and the mid frequencies go to the top bass unit.

To remove the grille, carefully prize it away from the cabinet using your fingers. The main grille locates in the elongated holes around the outside of the driver chassis. To replace it, line the peg fixings (in the grille) up with the elongated holes and gently press into place.

For system set up please see positioning ideas on pages 7 and 8.

Frequency Response	Sensitivity (1W@1m)	Nominal Impedance (ohms)	Maximum S.P.L (Per pair in room). dBA	Power Handling RMS (W)	Recommended Amplifier power output. (W)RMS	Bass Alignment
40Hz – 43kHz	89dB	8	110	150	40 – 150	Sealed Enclosure

Tweeter crossover frequency kHz	Bass Crossover Frequency Hz	Drive Unit Complement	External Dimensions - Excluding plinth W x H x D mm (inch)	External Dimensions - Including plinth mm (inch)	Weight Kg (lb)
2.7	N/A	2 x 6" RST®2 Bass/ mid-range driver 1 x 25mm Gold Dome C-CAM® tweeter.	206 x 560 x 230 (8 1/8" x 22 1/16" x 9 1/16")	N/A	12.5 / (27.5)

Your Gold GS FX

The new GSFx is a completely new design from Monitor Audio. A combined di-pole and monopole speaker for use in high-end or professional cinema applications.

In monopole mode the front firing RST[®]2 bass/ mid-range and C-CAM[®] tweeter provide an accurate full-bandwidth sound-field for use in multiples or as a rear effect. In di-pole mode the side firing drivers (one set at each end), combined with the tailored output from the front firing driver, to provide a diffused sound-field for use as a pure effect speaker in a more advance installation. The di-pole drivers have also been design to be a 2-way compliment incorporating a 4" C-CAM[®] bass driver and 25mm C-CAM[®] gold dome tweeter. When in dipole mode the front tweeter is disconnected, and the crossover frequency of the main driver lowered.

To remove the grille, carefully prize it away from the cabinet using you fingers. The main grille locates in the elongated holes around the outside of the driver chassis. To replace it, line the peg fixings (in the grille) up with the elongated holes and gently press into place. The side grilles locate in recessed grommets in the cabinet itself. These can be a very tight fixing.

For system set up please see positioning ideas on pages 7 and 8.

Frequency Response	Sensitivity (1W@1m)	Nominal Impedance (ohms)	Maximum S.P.L (Per pair in room). dBA	Power Handling RMS (W)	Recommended Amplifier power output. (W)RMS	Bass Alignment
60Hz – 43KHz	86dB	6	106	100	40 – 100	Sealed Enclosure

Tweeter crossover frequency kHz	Bass Crossover Frequency Hz	Drive Unit Complement	External Dimensions - Excluding plinth W x H x D mm (inch)	External Dimensions - Including plinth mm (inch)	Weight kg (lb)
2.7	N/A	1 x 6" RST [®] 2 Bass/ Mid mono-pole driver 1 x 25mm Gold Dome C-CAM [®] tweeter, 2 x 4" C-CAM [®] mid di-pole drivers, 2 x 25mm Gold Dome C-CAM [®] di-pole tweeters	310 x 390 x 160 (12 3/16" x 15 3/8" x 6 5/16")	N/A	11.5 / (25.3)

Setting up the GS FX (Optimum Performance)

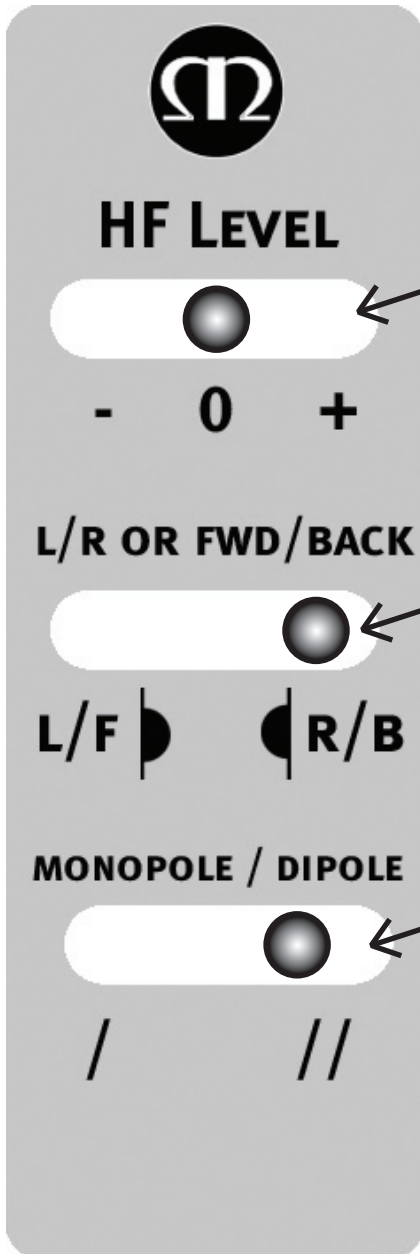
12 volt Trigger.

When DVD soundtracks are made, they are done so with the original cinema reproduction in mind. In movie theatres, there are a greater number of speakers than discreet channels. Because of this, you get an effect that encompasses the viewer a lot more, and the imaging from front to back, and left to right is a lot more seamless. The closest to a cinema the majority of people can practically have is a 7.1 system. This is where the 12 volt trigger comes into its own.

When you have a 7.1 system set up, and the DVD that is being played has been set up to recognise 7.1, the AV amplifier will see this and switch the speaker to dipole mode via the 12 volt trigger. If the DVD is only 5.1, the AV amplifier will also see this and not send the signal to the GSFX, therefore enabling it as a full range speaker.

The trigger inputs can be seen in the below image, above the speaker terminals. This is connected to your AV amplifier/ receiver, and determines the mode of the GSFX (mono/ dipole). For the trigger to work, the monopole/ dipole switch on the front needs to be set to 'monopole'. Please refer to your AV amplifier manual for further instruction.





Tweeter Attenuation Switch.

This switch adjusts the level of the main high frequency tweeter unit. In the middle position there is no attenuation. Place it in the ‘-’ position and the high frequencies will be attenuated by 3dB. Place it in the ‘+’ position and the high frequencies will be boosted by 3dB.

Location Switch.

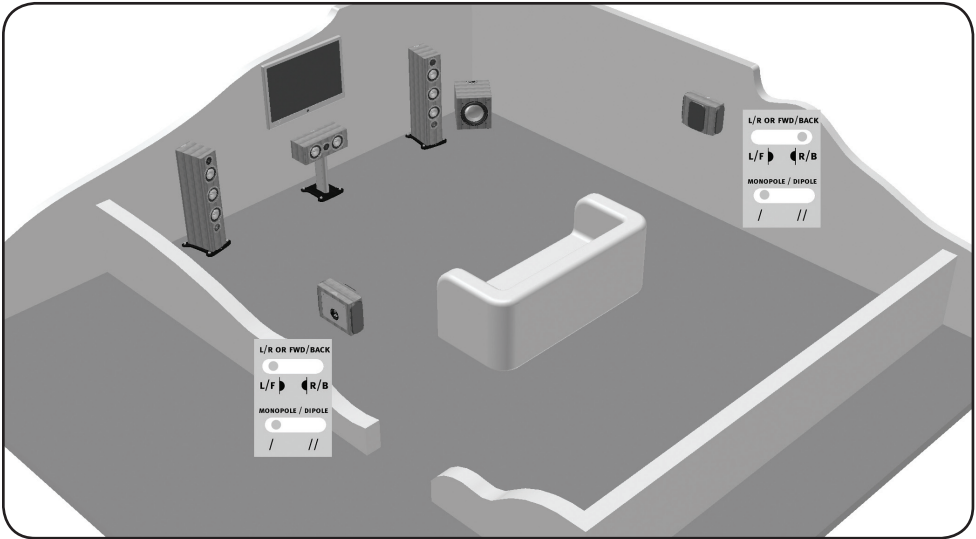
This switch is used to determine the location of your GSFX’s. Please refer to the illustrations on pages 7 & 8 for correct positioning. This will only make a difference when the Monopole/ Dipole switch is set to ‘dipole’ mode.

Monopole/ Dipole Switch.

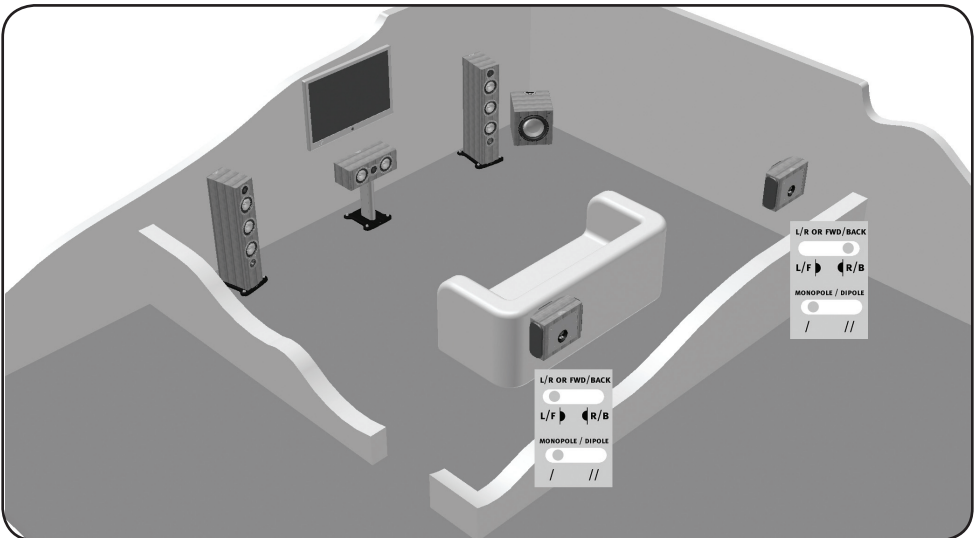
This switch determines the actual mode of the GS FX. When used in a 5.1 system as rear speakers, set the switch to monopole. If they are used in a 7.1 system as side speakers set the switch to dipole. If you are using 4 GS FX’s (side and rear) set them all to dipole mode. Please see the illustrations on pages 7 & 8 to determine what position the ‘Location Switch’ needs to go in depending on system set up. If you are using the 12v trigger, set the switch to monopole mode. The trigger will switch a relay to enable the dipole mode.

Positioning

5.1 System Example (large)

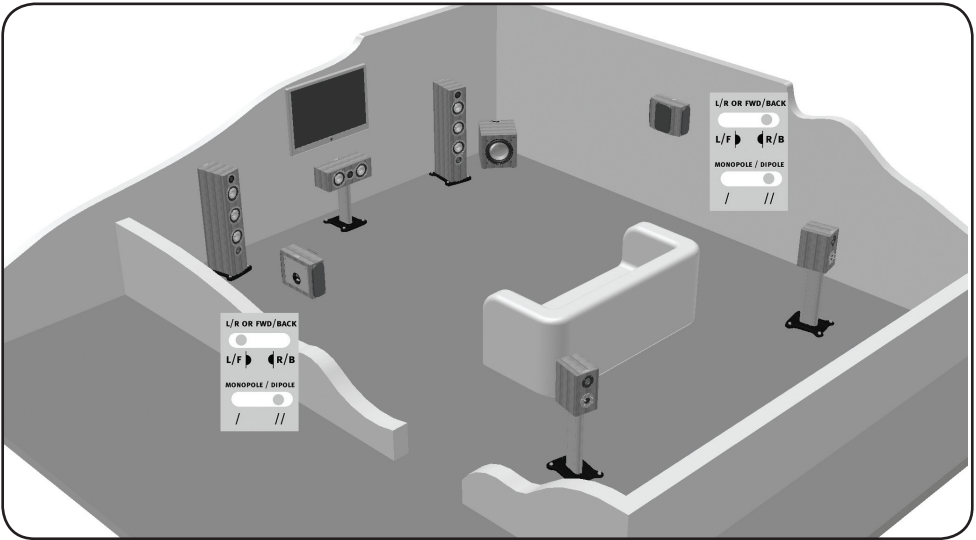


5.1 System Example (small)

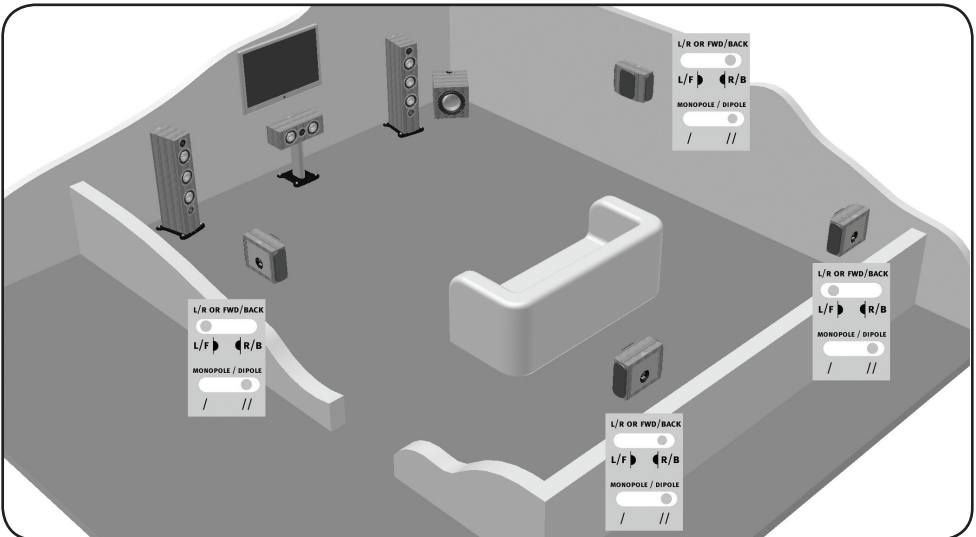


Positioning

7.1 System Example (GS10 Rear)



7.1 System Example (GSFX Rear)



Fixing Your GS FX to a Wall



CAUTION: You will need to determine where the GS FX will be fixed and the structure of the wall. For safety reasons, if you are unsure of your ability to provide a secure and safe fixing, do not attempt to fix these speakers to your wall, please obtain the services of a competent qualified trades person.



CAUTION: Ensure that there are no water pipes or electricity cables running behind where the wall brackets are going to be secured. Work from secure steps and avoid trailing wires.

The GS FX comes with a pressed steel plate that secures to the wall and then the cabinet is hung on it. The plate, has elongated holes for easy adjustment to ensure it is perfectly square. To fix your GS FX's to the wall, follow these simple instructions. We would recommend using the wall fixing template enclosed within the packaging carton:

1. When you are sure of the location of your GS FX, mark on the wall the centres of the securing screws. These should be 175mm (6 7/8") apart. Please use the template to mark the centres.
- 2a. For fixing to plasterboard (sheet-rock) or a solid wall use a suitable 7mm (1/4") drill bit. Drill the two positions (each speaker) deep enough to accept the enclosed wall plugs. This should be approx 45mm (1 3/4"). Insert the wall plugs, a hammer may be required to insert them completely into the wall. Hold the plate against the wall, lined up with your holes, and start to screw the provided self tapping screws into the wall. Align the plate so that it is square. Ensure that the screws are tight against the plate, and do not turn freely.
- 2b. For fixing to a timber wall, drill a pilot hole (approx 2 - 3mm or 1/16 - 1/8 ") and screw the self tapping screws into the pilot hole. Align the plate so that it is square. Ensure that the screws are tight against the plate, and do not turn freely.

NOTE: You can use further fixing points along the slots if you desire.

3. Hang your GS FX on to the fixing plate and sit back and enjoy.

For recommendations on where to hang your GS FX please refer to the FAQ's on our web site: www.monitoraudio.co.uk

Connecting Your Gold GS Loudspeakers

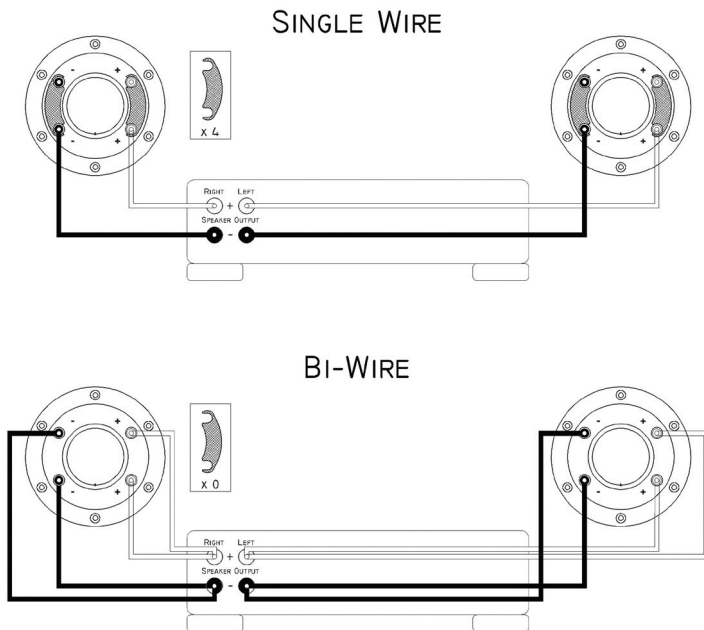
You will notice that when you unpack your loudspeakers, there are plastic terminal caps in the terminals where the speaker cable connectors should go. These can be simply removed by placing a thin, flat object underneath them and carefully levering them free.

The GS LCR can be either single or bi-wired. The GSFX can only be single wired. Monitor Audio always recommends bi-wiring your loudspeakers for improved sound quality.

Please see:

www.monitoraudio.co.uk/gettingthebestfromyourspeakers

If you are going to be connecting your speakers in bi-wire format, please remove the terminal links. Do this by unscrewing the red and black terminals slightly and removing the link. See illustration below for details.



Guarantee and Service

Valid upon completion of the incorporated warranty card and its return within 30 days of purchase.

This equipment has been fully tested prior to dispatch from the factory. Both the craftsmanship and the performance of this product is guaranteed against manufacturing defects for the period of three years from the date of purchase (see conditions below), provided that the product was supplied by an authorised Monitor Audio retailer under the consumer sale agreement. (The words 'consumer sale' shall be construed in accordance with section 15 of the supply of goods act 1973). Monitor Audio accepts no responsibility for defects arising from accident, misuse, abuse, wear and tear, modification or operation outside of that specified within this instruction manual. Neither will responsibility be accepted for damage or loss occurring during transit to or from the parties claiming under this guarantee.

This guarantee covers both labour and parts. The liability of Monitor Audio is limited to the cost of repair or replacement of the defective parts (at the discretion of Monitor Audio) and under no circumstances extends to consequential losses or damage.

Claims under this Guarantee

The equipment should be returned in its original packaging to the original supplier where possible, or to any other authorised Monitor Audio dealer. If it is not possible to return the equipment by hand, then it should be sent carriage prepaid via a reputable carrier. If the original packing is not available replacement packaging can be purchased from Monitor Audio. If you have any difficulties complying with these requirements please contact us at the following address:

Customer Service

Monitor Audio Ltd.
Unit 2, 24 Brook Road
Rayleigh
Essex
SS6 7XL
England

Tel: 44 (0) 1268 740580
Fax: 44 (0) 1268 740589
Internet: www.monitoraudio.co.uk
Email: info@monitoraudio.co.uk

This guarantee does not affect the statutory rights of the consumer under UK law.

Data Protection

We at Monitor Audio are committed to respecting the wishes and privacy of our customers. Any information you provide will be held in the strictest confidence and only used within the Monitor Audio organisation for the provision of services such as warranty claims or spare parts.

We may wish to contact you in the future to ensure you are happy with the products and standards of service we provide and to keep you up-to-date with the latest products and promotions we have to offer.

Should you wish not to be contacted by us either by post, e-mail or phone, please tick the box on the warranty card. Alternatively you can request not to be contacted in future by writing to Customer Service, at the address on the previous page.

Owner Information

Product Details

Model _____ Serial No _____

Date of Purchase _____

Dealer Details

Dealer Name _____

Address _____

Town, Post code, Country _____

e-mail address _____

To validate your warranty please fill in this card (using block capitals) where applicable. Alternatively, you can register online at www.monitoraudio.co.uk

Should you wish not to be contacted by us either by post, e-mail or telephone, please tick this box.

Personal Details

Title Mr Mrs Ms Other _____

First Name _____ Last Name _____

Address _____

Town _____ State/Country _____

Zip/Post Code _____ Country _____

Email _____

Product Details

Model _____ Serial Number _____

Date Of Purchase _____ Shop where Purchased _____

Which related magazines do you read? _____

What is the intended use of the speakers? Music Movies Both

Is the purchase - Replacement/additional purchase? Your first purchase

What made you purchase Monitor Audio? Existing Owner Magazine Review

Dealer Recommendation Other please specify _____

What music do you listen to? Jazz Country Classical Rock/Pop

Your age is? 16- 25 26-35 36-55 55+

Your amp/reciever is? _____

Your CD/DVD player is? _____

Moisten Here

Moisten Here



MONITOR AUDIO
24 BROOK ROAD
RAYEIGH
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ENGLAND

Affix stamp
here